

# *Chem-Impex International, Inc.*

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## *Product Specifications*

|                          |   |
|--------------------------|---|
| <b>Catalogue Number</b>  | 42589   |
| <b>Product</b>           | <b>4-Hydroxybenzimidazole</b><br>1 <i>H</i> -Benzo[d]imidazol-4-ol<br>1 <i>H</i> -Benzimidazol-4-ol |
| <b>CAS Number</b>        | 67021-83-4  |
| <b>Molecular Formula</b> | C <sub>7</sub> H <sub>6</sub> N <sub>2</sub> O  |
| <b>Molecular Weight</b>  | 134.14  |

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|-------------------------------|---|
| <b>Warnings</b>               | <i>Air Sensitive! Store under inert gas!</i>      |
| <b>Appearance</b>             | White to gray to brown crystalline powder         |
| <b>Melting Point</b>          | 198 - 202 °C                                      |
| <b>Assay by titration</b>     | ≥ 98%   |
| <b>Purity by GC</b>           | ≥ 98%   |
| <b>Storage</b>                | Store at RT                                       |
| <b>Additional Information</b> | $\lambda_{\max} = 261(\text{HCl aq.}) \text{ nm}$ |

**For Laboratory Use Only**